

From owner-qrp-l@netcom.com Wed Dec 14 19:42:02 1994
Date: Wed, 14 Dec 1994 12:32:41 EST
From: RTRC25A@prodigy.com (MR PRESTON J DOUGLAS)
Message-Id: <013.02272384.RTRC25A@prodigy.com>
Subject: 100 dollar kits

-- [From: Preston Douglas * EMC.Ver #2.10P] --

OK guys, time to fess up. Despite overwhelming advice, I ordered the following:

1. OHR 20 (that was with everyone's recommendation)
2. Dan's NN1G 40 (hasn't arrived, check sent regular mail 12/5/94)
3. RadioKit QRP30 (This is the one everyone warned about.)

I have the following prelim comments. The OHR is very easy to assemble. Instructions are nearly flawless (rare obvious parts substitutions for caps of close value--just save the uncertain ones for last and no problems). The rig will almost certainly work off the bat, and no troubleshooting. The receiver is quiet and competent and, the transmitter is clean and stable. The flaws are few: The case is too big -- and the insides could easily fit in a smaller one. (I might just do that.) The audio is weak, especially on weak sigs and won't run a speaker.

But oh that QSK is fine! And if I were dxpedioning or field daying this is a rig to take, as it is brick solid and won't fail on arrival. I'd vote it most likely to survive rough handling or even a drop. I hope it passes the homebrew rules (but this is not a bag of parts!).

Preliminary comments on the latest RadioKit: The QRP 30 has a very nice, small pre-drilled painted and labelled case. A nice surprise. I built the QRP 20 about five years ago and I liked it once it was trouble-shot. That rig had three boards all interwired and was a mess inside. This latest is a single board superhet with five watts out and a switchable audio filter. The rit switch does not seem to have a center detent by feel through the as yet unopened plastic bag! But it is tiny (2x4x4) and will be ideal for backpacking (if it works?). I have begun studying the instructions. They are not good. For example, the correction sheet has corrections on top of corrections. I consider myself an experienced builder. So I know this kind of project takes a few days of reading before daring to light up the soldering iron. Stay tuned. Preston WJ2V

From owner-qrp-l@netcom.com Wed Dec 14 18:42:27 1994
Date: Wed, 14 Dec 1994 16:49:50 EST
From: RTRC25A@prodigy.com (MR PRESTON J DOUGLAS)

Subject: <didn't bother with a subject>
Message-Id: <013.02276090.RTRC25A@prodigy.com>

-- [From: Preston Douglas * EMC.Ver #2.10P] --

Hey guys, "et" is "and" in French, not "es". Read the prior definitive note which gives the origin of es in American Morse. Same origin as ditdit dit, which is still used and is the equivalent of "QRL?"
Preston WJ2V

From owner-qrp-1@netcom.com Wed Dec 14 15:52:56 1994
Date: Wed, 14 Dec 94 11:50:38 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412141750.AA11382@chuck.dallas.sgi.com>
Subject: CW Abbreviations [long]

Gang,

Since someone brought it up, here is the Phillips Code with some updates by yours truly. You can extend this, but then you'd run out of memory. Don't repost to this group please.

I probably left out a few, but hey, let's not pick.

These abbreviations were used for a long long time and have been carried over by commercial and non-commercial ops in CW since the beginning of time.

Enjoy and memorize. :-)

Phillips-Adams Code

AA	all after	GN	gone	RD	read
AB	about	GN	good night	RDY	ready
ABB	abbreviate	GND	ground	REF	refer to
ABBD	abbreviated	GNI	good night	REF	reference
ABBG	abbreviating	GP	group	RF	radio frequency
ABBN	abbreviation	GS	guess	RFI	RF interference
ABD	aboard	GT	great	RFU	refuse
ABS	absent	GUD	good	RG	regular
ABT	about	GV	give	RHT	right
ABV	above	GVT	government	RIG	station equipme
ACG	according	H	has	RJ	reject
ADR	address	HAP	happy	RKO	record

ADS	address	HB	have been	RMB	remember
AF	after	HI	telegraphic lau	RPT	repeat
AFN	afternoon	HP	hope	RPY	reply
AGN	again	HPN	happen	RR	railroad
AK	acknowledge	HR	here	RT	are the
ALW	always	HV	have	RTTY	radio teletype
AMT	amount	HVR	however	RU	are you
ANT	antenna	HVU	have you	RX	receiver
AO	at once	HW	how	RY	railway
APC	appreciate	IFN	information	SAT	saturday
AR	answer	IM	immediately	SD	should
AS	standby, wait	IN	indication	SDY	sunday
AVB	available	IMY	immensely	SED	said
AX	ask	IMT	immediate	SH	such
AY	any	IP	improve	SIG	signature
AYB	anybody	ITD	intend	SIG	signal
AYG	anything	IW	it was	SJ	subject
AX	ask	J	by which	SKED	schedule
B	be	JF	justify	SKJ	schedule
BAK	back	JGM	judgement	SM	some
BC	because	JN	join	SMG	something
BCI	bdcst itrfrnc	JR	junior	SND	send
BCL	bdcst listener	JT	just	SNN	rst of 599
BCNU	be seeing you	K	out of the	SPO	suppose
BD	board	KD	kind	SPZ	surprise
BF	before	KGNS	congratulations	STD	standard
B4	before	KMN	communication	STN	station
BFL	beautiful	KP	keep	STO	store
BFT	breakfast	KPPG	cooperating	SUGN	suggestion
BH	both	KU	continue	SUY	saturday
BK	break	KW	know	SVC	service
BKN	broken	LAF	laugh	SVL	several
BLDG	building	LG	long	SYS	system
BN	been	LIC	license	T	the
BS	best	LID	very poor op	TBL	trouble
BTN	between	LK	like	TDY	today
BTR	better	LOV	love	TFC	traffic
BUN	bulletin	LTR	letter	TFK	traffic
BURO	QSL bureau	LUK	look	TG	thing
BV	believe	LV	leave	TGR	together
BZ	business	LVG	leaving	THD	thursday
C	see	M	more	TI	time
C	yes	MAB	maybe	TKS	thanks
CA	came	MB	maybe	TM	them
CD	could	MD	made	TMP	temperature
CDRY	considerably	MDA	monday	TMW	tomorrow
CDX	condition	MFG	manufacturing	TN	then
CF	chief	MGR	manager	TND	thousand

CFM	confirm	MH	much	TNI	tonight
CFUD	confused	MK	make	TNK	think
CHC	chance	MMY	memory	TNX	thanks
CHG	charge	MNG	morning	TR	there
CHN	children	MO	month	TS	this
CLD	called	MS	most	TSE	these
CLDY	cloudy	MSJ	message	TT	that
CLR	clear	MSK	mistake	TU	thank you
CK	check	MST	must	TUY	tuesday
CL	closing station	MSY	mostly	TV	television
CLD	called	MTG	meeting	TVI	TV interference
CLG	calling	MTR	matter	TW	tomorrow
CM	come	MVG	moving	TWM	tomorrow mornin
CNCD	concerned	MVM	movement	TWV	tmw even
CNDS	conditions	N	no, not	TX	this is
CTD	connected	NA	name	TX	transmitter
CPI	copy	NBR	neighbor	TXT	text
CPT	complete	ND	need	TY	they
CQ	calling any stn	NI	night	U	you
CQY	correctly	NIL	nothing	UCN	uncertain
CTD	connected	NM	no more	UF	unfortunate
CUD	could	NR	near	UFBY	unfavorably
CUL	see you later	NTG	nothing	UK	understand
CW	continuous wave	NUM	number	UKN	unknown
CW	morse code	NUMD	numbered	ULY	usually
CY	copy	NUP	newspaper	UN	until
D	in the	NV	never	UPN	upon
DA	day	NW	now	UR	your
DAU	daughter	NX	next	V	of which
DD	did	O	of	VB	valuable
DDNT	did not	OB	old boy	VCY	vicinity
DE	from	OC	old chap	VET	veteran
DEG	degree	OFN	often	VFO	var. freq osc.
DFC	difference	OFS	office	VKN	vacation
DFT	different	OFY	officially	VOL	volume
DG	doing	OFC	officer	VSF	visible
DLD	delivered	OG	organize	VSR	visitor
DNR	dinner	OJ	object	VST	visit
DOLS	dollars	OM	old man	VU	view
DR	dear	OP	opportunity	VY	very
DT	dont	OPR	operator	VYG	voyage
DX	distance	OT	old timer	W	with
DUP	duplicate	OTH	other	WA	word after
EA	each	OV	over	WB	will be
EH	either	OWG	owing	WB	word before
EJO	enjoy	OWZ	otherwise	WD	word
ENH	enough	P	per	WDS	words
EQM	equipment	PAP	paper	WDA	wednesday

ES	and	PB	probable	WD	would
ESPY	especially	PBL	preamble	WDF	wonderful
EU	Europe	PBM	problem	WEA	weather
EV	ever	PBY	probably	WF	wife
EXA	extra	PC	percent	WG	wrong
EXK	expect	PD	paid	WGT	weight
EXQ	excuse	PFD	preferred	WH	which
EYB	everybody	PFT	perfect	WI	will
EYG	everything	PKJ	package	WK	week
F	of the	PLS	please	WKD	worked
FB	fine business	PLSR	pleasure	WKG	working
FER	for	POX	police	WL	well
FM	from	PSE	please	WLD	world
FO	for	PSK	prospect	WN	when
FO	fast operator	PWR	power	WO	who
FQ	frequent	PX	press	WRD	word
FRI	friday	Q	on the	WT	what
FRV	forever	QA	qualify	WTV	whatever
FRW	forward	QAY	quality	WUD	would
FS	first	QK	quick	WX	weather
FU	few	QKY	quickly	X	in which
FW	follow	QRO	high power	XCVR	transceiver
G	from the	QRP	low power	XJ	explain
GA	good afternoon	QRS	transmit slower	XMTR	transmitter
GA	gave	QSN	question	XTL	crystal
GA	go ahead	QT	quite	XYL	wife
GB	good bye	QTH	location	Y	year
GBA	gv better adr	QTN	quotation	YA	yesterday
GD	good	QTY	quantity	YR	year
GE	good evening	R	are, received	YL	young lady
GG	going	R	roger	Z	from which
GL	good luck	RCD	received	73	best regards
GLS	girls	RCV	receive	88	love and kisses
GM	good morning	RCVR	receiver		

State Abbreviations

AL AK AZ AR CA CO CT DE FL GA HI ID IL IN IA KS KT LA ME MD MA MI MN NS MO
 MT NB NV NH NJ NM NY NC ND OH OK OR PA RI SC SD TN TX UT VT VA WA WV WI WY
 Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Wed Dec 14 09:59:01 1994
 Date: Wed, 14 Dec 1994 09:05:40 -0330 (NST)
 From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
 Subject: Re: Electric co., kites, New Foundland

Message-Id: <Pine.3.87.9412140940.C22732-01000000@random.ucs.mun.ca>

Hi Steve - Newfoundland.. it may be isolated.. but in St. John's I am closer to Europe and all that QRP DX than anywhere else in North America and also if you look on a globe I have straight line shots over water (going south - for north-south propagation paths) to the Caribbean and Africa. Now that may not be a reason to uproot yourself and family to move to the "Rock" but it is something to think about... (I'm actually on a job here).

72 Bob VO1DRB/WA6ERB

From owner-qrp-1@netcom.com Wed Dec 14 10:37:34 1994

Message-Id: <ab149f92060210034a32@[129.74.35.16]>

Date: Wed, 14 Dec 1994 08:14:51 -0500

From: Steve.Hideg.1@nd.edu (Steve Hideg)

Subject: Re: Electricity

>I just worked a 9 in Mishawaka, IL and got a 569 with my 0.95W using...
^^^^^^^^^^^^^^^^

Chuck, is there a Mishawaka Illinois? The only Mishawaka I've heard of is in Indiana, right next door (east) to South Bend.

73!

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing E-mail: Steve.Hideg.1@nd.edu
G034 Computing Center/Math Building Telephone: (219) 631-EXAM
University of Notre Dame Amateur Radio: N8HSC/9
Notre Dame, IN 46556

Return this portion with payment.

From owner-qrp-1@netcom.com Wed Dec 14 11:43:16 1994

Message-Id: <ab14a2db070210030fe8@[129.74.35.16]>

Date: Wed, 14 Dec 1994 08:25:57 -0500

From: Steve.Hideg.1@nd.edu (Steve Hideg)

Subject: ES and DE

I believe that the expressions "es" and "de" come from French.

"es" in French means "and".

"de" in French is one form of the word "from" or "of". So "73 de n8hsc" translates to "best regards from n8hsc".

73 es gl de n8hsc

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing E-mail: Steve.Hideg.1@nd.edu
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University of Notre Dame Amateur Radio: N8HSC/9
Notre Dame, IN 46556

Return this portion with payment.

From owner-qrp-1@netcom.com Wed Dec 14 19:18:59 1994
Message-Id: <v0151010aab151a1faaab@[149.82.22.63]>
Date: Wed, 14 Dec 1994 13:58:49 -0800
From: xenolith@halcyon.com (Kevin Purcell)
Subject: Re: ES and DE

>I believe that the expressions "es" and "de" come from French.

>

>"es" in French means "and".

nope et means and (and is quicker to send!)

Kevin Purcell work: kevinpu@atm.com home: xenolith@halcyon.com N7WIM
Seattle dBug Mac Developers SIG organizer G8UDP

From owner-qrp-1@netcom.com Wed Dec 14 13:08:35 1994
From: weinfurtner@ouvaxa.cats.ohiou.edu
Date: Wed, 14 Dec 1994 09:16:10 EST
Message-Id: <00988EBB.CD0057C0.81@ouvaxa.cats.ohiou.edu>
Subject: RE: es and de...

Ohio University Electronic Communication

Date: 14-Dec-1994 09:08am EST

To: Remote Addressee (_MX%"qrp-1@netcom.com")

From: Gregory Weinfurtner
WEINFURTNER

Dept: Modern Languages
Tel No: 614-593-2747

Subject: RE: es and de...

Hello to all! Great number of responses to the es and de question! I am an avid CW operator and have used all the short forms of words, numbers, etc. throughout my 21year history as a ham. I would guess that about 80% of all my QSO's are CW. What is interesting in this discussion was to find the roots of these. I think Dave Moody "nailed it" with his answer to the "es" origination:

"The "es" comes from the old american morse, dit dididit, where the space between the first and second dits was just a short time, not as long as a full letter space. This was sent for the & character. There are other letters in the old American morse that are also formed with short spaces in the middle of them, the letter C didit dit, coming to mind."

Thanks Dave!

I'll CU guys at the fox hunt tonight! 73 es CUL de NS80 Greg

Received: 14-Dec-1994 09:16am

From owner-qrp-1@netcom.com Wed Dec 14 19:33:04 1994

Message-Id: <ab14ed36000210033c6e@[129.74.35.16]>

Date: Wed, 14 Dec 1994 13:43:49 -0500

From: Steve.Hideg.1@nd.edu (Steve Hideg)

Subject: ES es DE

I stand corrected about "ES".

--Steve

Steve Hideg Macintosh Consultant/Analyst

Office of University Computing E-mail: Steve.Hideg.1@nd.edu
G034 Computing Center/Math Building Telephone: (219) 631-EXAM
University of Notre Dame Amateur Radio: N8HSC/9
Notre Dame, IN 46556

Return this portion with payment.

From owner-qrp-1@netcom.com Wed Dec 14 12:44:24 1994
Date: Wed, 14 Dec 94 06:43:02 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412141243.AA10884@chuck.dallas.sgi.com>
Subject: First Session

Well, it's been a long day on the feet and now on the way home, fighting the rush hour traffic, somewhat anxious in wondering if TU Electric has responded to phone calls every evening to their problem center about some stupid ham having RFI problems across the electromagnetic spectrum from one of the thousands of lamps spread across a large area called the "MetroPlex" of Dallas and Ft Worth. After fighting the rush hour traffic in the cold and rain to get 16 miles it's going to be interesting.

As I round the last curve in the residential neighborhood and it's now dark as the old Sun has gone to bed early near the Winter Solistice low and behold the infamous street lamp is on. Now the question is, is it on and cycling? Anxiously I await the verdict. NO! It's not cycling. Wow, once again we have won over the power of the power company. (pun intended). :-)

So I drive into the back of the lot and park under the awning. Calmly now, no rush, I unload the 70 pounds of books and papers and into the house we go. I, of course, knowing the importance of such things say hi to Phyllis and see how things are going. I had promised dinner out and so to a new Italian restaurant we go.

A little over an hour later I get into the ham shack and go over to the desk, consisting of small computer desk with solid core oak door (stained) on top, and turn on the OHR Explorer and put on the earphones. Low and behold no significant noise. Success! It's now a little after 7:30 CST. In fact it's a little too quiet. The little red power light is on, let's tune around and see. Sure enough there are signals on the band. Wow, a NE602 receiver that doesn't have a lot of background noise. The audio circuit seems to be filtering out some of the highs.

OK, find a clear spot near 7.040 MHz where all the QRPers hang out and call CQ. A K9 comes back in IN. OK, not bad 838 miles means 882 miles/watt. Finish up and tune down a couple of KHz and there is W4/5. 599 so let's call him. Weslaco TX, 481 miles at 506 miles/watt. OK, nice going and I'm bushed. Ready for the fox for Wednesday night, so back to work for tomorrow and early to bed.

What? It's time to get up already? No, it's still dark! Oh 4am, well I'm awake so off to the shack. :-)

Band is quiet, but there are some strong sigs. Let's work some stuff:

KN4	Dayton,TN	703 mi	740 mi/W
W0	Chadron,NE	748 mi	787 mi/W
KD4	Wilmington,NC	1,096 mi	1,153 mi/W
WA1	Atkinson,NH	1,552 mi	1,633 mi/W
KZ2	Amherst,NY	1,198 mi	1,261 mi/W

OK, at 15 to 20 minutes per QSO that's quite a workout after being off the air for a very very long time due to travel and noise levels off the electromagnetic spectrum. :-)

First impressions:

1. The receiver is quiet and relatively sensitive in the Explorer.
2. The receiver is very very quiet.
3. Selectivity is good and I'd guess around 700 cycles or so. Not extremely narrow, but good enough for general rag chewing.
4. The QSK is smooth and the AGC works very well. No bad thumps on the make and break.
5. With power turned down to 0.95W, you can work 'em on 40M, but that is truly rig independent. 0.95W out is 0.95W out - period.
6. As someone mentioned, it's a little larger than the Sprint, but smaller than the Spirit and it's not going to be small on trips, but should be manageable. It's too beautiful for me to haul around so the NE40-40 and the NorCal 40a will probably be the travel rigs. The AEA MM-3 sitting next to the rig looks as big and the MM-3 certainly weighs more. But with 23 pound Gel-Cell next to the rig, who cares? :-) I'll take shots and scan them in and put them at the sunsite.

I'd say that for \$119.95 plus some change, the OHR Explorer is a good deal. I now have to do side-by-side comparisons with the Sierra and the NE40-40 and let you know. Maybe this weekend. My first guess is the Explorer is more sensitive than the 40-40 and maybe in the neighborhood of the Sierra, but it's been a while since I've had the Sierra on.

See you tonight at 0200UTC on 40M looking for the fox when he gets below 7.100MHz. Be there and be square. I'll hang around afterward, as if anyone cares. :-)

dit dit de K5FO/QRPP (which by the way some people don't realize the significance of the additional P)

~

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Dec 15 02:24:51 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Found ARCI Prez
Date: Wed, 14 Dec 94 23:24:25 EST5EDT
Message-Id: <1994Dec14.232425.23355@wb3ffv.ampr.org>

For those who are interested in the mystery, W1FMR passes along the new address of Les Shattuck, WN2V, prez of the QRP ARCI--Box 957, Moravia, NY 13118. Those of you who have written to him in Myrtle Beach recently probably got no response, and his phone there was disconnected last month. 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Thu Dec 15 01:55:26 1994
Date: Wed, 14 Dec 94 22:18:22 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412150418.AA12080@chuck.dallas.sgi.com>
Subject: Fox Hunt

I was there, but I didn't hear the fox. Worked a number of people from this group. Thanks guys.

See, I can get under 20wpm. :-) No problem.

dit dit
Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-1@netcom.com Thu Dec 15 01:29:55 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)

Subject: Good QRP show on 10 Dec
Date: Wed, 14 Dec 94 19:05:32 EST5EDT
Message-Id: <1994Dec14.190532.14129@wb3ffv.ampr.org>

The QRP gathering at Maryland Radio Center in Laurel on 10 Dec went much better than I expected, especially with the short notice on this one. We usually give well over a month advance notice but this one was only about 10 days. We still got about the same number of people, and the same number of schedule conflicts, people promising they'd be there but not showing up, etc. The bottom line is that nothing seems to change--give them a week or two months advance notice and you still get the same number!

Attendees whose names we got on the list include:

KD3S, Jim	K3TKS, Danny	WA8MCQ, me
N3CDR, Herb	KD3IO, Bob	KB3YR, Dick
W3GHR, Vaughn	KB3BEA, Sam	WG3R, Robbie
KA3ZOW, Dick	W6TOY, Bruce	N3MIT, Pat
KC3MX, Harry	KE4DMR, Gary	N3LEB, John
KB3AAG, Frank	WU3R, Brian	KA3GNG, John
KB3AOH, Izzy	N3ODK, Chuck	

Very few of the QRP-L folks in the area were there; schedule conflicts, etc.

Good gathering, and at times you could hardly get into the library room at the store. We had long-time QRPers, new QRPers, curious people, etc. We had two QRP ARCI board of director members (TKS, MCQ), a new columnist for the QRP Quarterly (TOY), a QRP kit manufacturer (ZOW), a QRP Quarterly/QST author (CDR), the originator of the DB-25 Challenge (WG3R) was there with his transceiver-in-a-bottle (which was the most sophisticated of the DB-25 rigs since it had a phasing direct conversion receiver stuffed into the 0.79 cubic inch bottle along with VFO controlled transmitter), we had someone who likes--not gets used to and tolerates but actively LIKES--the pushbutton tuning of the ARK40 and ARK4 (MIT).

We had both those rigs, we had NE-4040's, a TS-130V Kenwood QRP rig, some crappy QRP gear from my college days (talk about Ugly Construction--Wes Hayward should pay me royalties!), a Norcal40, my tiny rigs, a hideous version of the W7EL QRP wattmeter from the Feb 90 QST, lots of other QRP goodies. We gave away many sample copies of the QRP Quarterly, showed off but would not part with copies of the NorCal QRPP and New England 72, and had 3 copies of the Milliwatt reprints that N8ET shipped in--those sat for a half hour before someone noticed them, and then the feeding frenzy started and they

vaporized.

For the first half hour the store was open I was almost alone in the library room, but then they started trickling in and by noon the room was packed. It remained well populated most of the day, and they had to throw out a couple of us when the store closed at 1500.

As always, a good time was had by all, with many requesting a repeat performance in the new year; we do these things on a completely random and erratic basis, but we'll probably do one in a couple months. The announcement will go out on packet and e-mail.

73 and Queue Our Pea DE WA8MCQ --
Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Wed Dec 14 08:54:57 1994
Date: Wed, 14 Dec 94 10:28:56 GMT
Message-Id: <9412141028.AA01778@marel.is>
From: kiddi@marel.is (Kristinn Andersen)
Subject: HELP - N-port power splitters?

Hi,

I've got a "simple" problem here that I'm hoping someone has a solution for. I need to connect 6 devices in a star configuration. Each device is a TX/RX that communicates with the other members of the network. Here are the design specs:

Each device has a 100 Ohm impedance and the connection needs to be made so that each device keeps seeing 100 Ohms into the network.

The communications are broadband and of low frequency (<1MHz).

The network is passive (no amplifiers, etc.).

Aren't there some simple power splitter designs for this? I was tempted to purchase a cheap TV signal splitter and cannibalize it in the name of science, but the Internet approach might be a more elegant solution.

Please send me your thoughts directly to:

kiddi@marel.is

at the first opportunity.

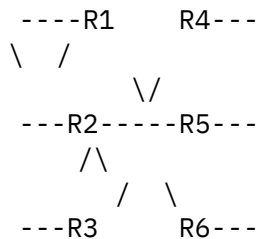
Appreciations and 73 de TF3KX !!

```
-----/-----
// Kristinn Andersen / Callsigns: TF3KX, AB4ST //
// Austurgata 42 / E-mail: kiddi@marel.is //
// 220 Hafnarfjordur / Phone: +345-1-50028 //
// ICELAND / Fax: +354-1-878001 //
-----/-----
```

From owner-qrp-1@netcom.com Thu Dec 15 00:07:58 1994
Date: Wed, 14 Dec 1994 09:59:04 +0800
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Message-Id: <9412141759.AA01995@radium.Eng.Sun.COM>
Subject: Re: HELP - N-port power splitters?

Kristinn,

Regarding the splitter problem you posed (attached below), how about a simple "star" topology resistive power splitter?
Each resistive arm of the star calculates out to be 66.7 ohms, and the loss from any input to any other is 7 dB.



All the resistors are connected together at the central node (excuse the ascii graphics) and the input impedance looking into any external connection is 100 ohms (assuming all the other splitter connections are terminated in 100 ohms).
R1 thru R6 are all 66.7 ohms.

$Z_{in} = R_{split} + (R_{split} + R_{load})$

$$\frac{1}{5}$$

Let $Z_{in}=100$ and $R_{load}=100$ and solve for R_{split} . (66.7 ohms)
Loss is $10\log(1/5)$ dB (7 dB)

Hope that helps.

Ray Anderson

WB6TPU
raymonda@radium.eng.sun.com

```
> Hi,
>
> I've got a "simple" problem here that I'm hoping someone has a solution for.
> I need to connect 6 devices in a star configuration. Each device is a
> TX/RX that communicates with the other members of the network. Here are the
> design specs:
>
>     Each device has a 100 Ohm impedance and the connection
>     needs to be made so that each device keeps seeing 100 Ohms
>     into the network.
>
>     The communications are broadband and of low frequency (<1MHz).
>
>     The network is passive (no amplifiers, etc.).
>
> Aren't there some simple power splitter designs for this? I was tempted to
> purchase a cheap TV signal splitter and cannibalize it in the name of
> science, but the Internet approach might be a more elegant solution.
>
> Please send me your thoughts directly to:
>
>     kiddi@marel.is
>
> at the first opportunity.
>
>     Appreciations and 73 de TF3KX !!
>     -----/-----
>     // Kristinn Andersen / Callsigns: TF3KX, AB4ST //
>     // Austurgata 42      / E-mail:  kiddi@marel.is //
>     // 220 Hafnarfjordur  / Phone: +345-1-50028 //
>     // ICELAND           / Fax: +354-1-878001 //
>     -----/-----
```

From owner-qrp-1@netcom.com Thu Dec 15 00:28:06 1994
From: KELL@mpac.jsc.nasa.gov
Date: Wed, 14 Dec 1994 13:57:50 -0600 (CST)
Message-Id: <941214135750.7d9@mpac.jsc.nasa.gov>
Subject: How to store SPRATs and QRPPs.

The place where I work discards lots of those slipcases that hold PC documentation. It dawned on me the other day that they might have a useful second life. I have started using them to hold my back issues of SPRAT and QRPP. Thus, I keep them on the bookshelf and other books

about them don't smash them. Now I need to find some big ones to hold QQ.

73

Ted Kell@mpac.jsc.nasa.gov
KC5CUW

From owner-qrp-l@netcom.com Wed Dec 14 12:47:38 1994
Subject: Huh?
From: brian.carling@acenet.com (Brian Carling)
Message-Id: <2a6.4571.500@acenet.com>
Date: Sun, 11 Dec 1994 14:44:00 -0500

>From: brian.carling@acenet.com

SUBSCRIBE

What happened? There was plenty of activity on QRP-L for the last week and then all of a sudden it disappears!

No mail from you guys for 3-4 days here!

73 1/2 - Brian AF4K
brian.carling@acenet.com

~ SLMR 2.1a ~ Ferengis, Romulans, Vulcans....Lend me your ears!

From owner-qrp-l@netcom.com Wed Dec 14 21:58:29 1994
Message-Id: <199412141715.MAA28115@piglet.INS.CWRU.Edu>
Date: Wed, 14 Dec 1994 12:15:07 -0500
From: ee115@cleveland.Freenet.Edu (Michael T. Flanagan)
Subject: hw8 help!

Hi all,

I recently purchased a non-functioning hw8 that was un-modified.

There was a problem with intermittent audio that was apparently a cold solder joint as re-soldering fixed the problem there. I mention this as it may be a clue as to what type of problem may be occurring elsewhere, considering this may be a problem elsewhere on the board. Or perhaps not... :)

There was no receive on any band, and after checking voltages as per the hw8 manual, I discovered a shorted Q1 (the Rf amp), and replaced it with a 2N4416 as recommended in the HW-8 Handbook. This did a great job on 40 and 20m, but still no receive on 15 or 80...

I tried the complete alignment procedure a number of times, and can't seem to get any signal detection while adjusting the appropriate caps/coils.

80m = L18, C16, C3 and 15m = L19, C24, C9 seem to have no effect in any combination...

I'd like to get all 4 bands operating before I proceed with too many other mods, as I've done a few already - just a dial light and a new headphone jack/transformer.

Any suggestions for a "mostly newbie builder" would be greatly appreciated. Private e-mail is fine. Thanks in advance, and Happy Holidays!

7.3

--

Michael	email: ee115@po.cwru.edu	"Taxes are not levied for the
	or: mflan@wariat.org	benefit of the taxed."
Amateur radio: kb8nkx		- Robert A. Heinlein

From owner-qrp-l@netcom.com Wed Dec 14 14:56:36 1994
Date: Wed, 14 Dec 94 10:34:25 EST
From: Clark Fishman (FSAC-FCD) <cfishman@fsac3.pica.army.mil>
Subject: It's French
Message-Id: <9412141034.aa08784@FSAC3.PICA.ARMY.MIL>

es equals and

de equals from

No magic, it's French

From owner-qrp-l@netcom.com Thu Dec 15 01:02:59 1994
Date: Wed, 14 Dec 1994 19:09:15 -0500 (EST)
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: It's French
Message-Id: <Pine.SOL.3.91.941214190828.29171A-100000@stratus>

We use "et" here in Montreal, where is "es" used?

Jim, VE2KN

On Wed, 14 Dec 1994, Clark Fishman wrote:

```
>  
> es equals and  
>  
> de equals from  
>  
> No magic, it's French  
>  
>
```

From owner-qrp-l@netcom.com Thu Dec 15 02:25:48 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: KeyCAD notes
Date: Wed, 14 Dec 94 23:34:27 EST5EDT
Message-Id: <1994Dec14.233427.23355@wb3ffv.ampr.org>

As I climb the learning curve, I've come to realize the best thing to do is make up your own symbols library, using the grid scale you are most comfortable with, make all symbols to the same scale, and do not deviate from that scale when making new symbols or drawing--do not scale your drawing larger or smaller and then add more to it, or you will be in trouble. This is probably the real "problem" with the symbol library that comes with it--us trying to use it at a different grid scale than it was drawn with. (Of course it has other shortcomings as well.) As for the problem with mine crashing at times, and being limited in size of drawings, I realized long ago it was a memory problem; I only have one meg on this '286, and may not be properly allocating it, to boot. I compromised my manhood by reading the manual--on page 2-5, in the middle of the command line switch options they give switch /VMS = XXX which allows the program to use the disk to emulate expanded RAM; I set it to an arbitrary value of 50 (50 blocks of 16K set aside) and now the program runs a bit slower when redrawing, moving, etc, but it no longer crashes and I can make much more complicated drawings. Buying more RAM would solve the problem too, but this is a zero cost option. To use the switch, start the program from DOS by adding the switch; my program starts up with the command KEYCAD (I forget if this is the default or if I set it to that), so now I start it with the command KEYCAD/VEMS=50.

KeyCAD, which I have no interest in except as a user, is a neat little CAD program that a number of people on the list are using to draw schematics at home; it costs something like \$20 for DOS, \$30 for Windows, and really does a lot. QRPp uses it for many of their schematics (KI6DS turned me on to it), and the Idea Exchange in the QRP Quarterly (that's me) is starting to use it. It is widely available, at places like WalMart, Office Depot, many others. (As for the "mailing list" for users which I was going to handle, there were only

two people who asked to be put on it, and no one has come up with anything to pass on to others, so the KeyCAD mailing list is officially kaput.)

73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Thu Dec 15 01:47:25 1994
Date: Wed, 14 Dec 1994 21:25:26 -0700 (MST)
From: "Timothy J. Pettibone" <tpettibo@nmsu.edu>
Subject: Missed the FOX!
Message-Id: <Pine.3.89.9412142116.A20236-01000000@paris>

Well, I listened with my best ears and missed the fox. This time I can't use the excuse of being in Seattle (that only worked last week). Heard K5FO and N4AOX and N6ULU buzzing around. Can't say I heard em work N2IPY bu know somebody did as I heard a "Tnx Bob fer FOX qso" Darn! Oh well, I'll try again next week. Let's see, Mark KA7ULD is up on the 20th. San Jose should be easier than NYC. Off to the interior of Mexico in the am. Wish I had my NN1G done! 72s

Tim AB50U
Las Cruces, NM

p.s. Just heard N2ZTN call cq on 7.112 at 0419Z (from NY), but he may be QRO.

From owner-qrp-1@netcom.com Wed Dec 14 09:56:39 1994
Date: Wed, 14 Dec 94 06:45:58 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412141245.AA10930@chuck.dallas.sgi.com>
Subject: OHR BC Interference

I don't have the mail. Who had the problem with the BC inteference with 575KW SW station?

Problem with 1V RF floating around is going to be tough to solve. Dick recommended the filter as the most likely solution. Email me.

dit dit
Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Dec 14 23:53:18 1994
Message-Id: <9412141801.AA0955@bobea.watson.ibm.com>
Date: Wed, 14 Dec 94 12:52:20 EST
From: "Robert E. Easton 8-862-3241" <bobea@watson.ibm.com>
Subject: OHR BC Interference

Yep, I saw that problem. It showed up on my OHR Spirit as an unexpected image at 7.110. (Mine is tuned for the Tech segment, 7.1 to 7.150) I was hearing a station that does not exist at that frequency doing some digital interspersed with a CW ID. Looked it up in Farrell's book and discovered it was strong maritime station in Chatam Mass. Why did I see it at 7.110? Seems it was hetrodyning with New York City's megawatt BC station, WABC. I'm 35 miles from NYC, 150 from Chatam.

SOLUTION:

No filter needed. Adjust the VFO output trimmer (don't have a schematic here). Not the tuning bandwidth trimmer, but the output trimmer. I had set my Spirit up without a scope and had "swagged" that setting. I borrowed a scope and found that I was getting a distorted VFO output. Reset it for a nice clean output and the bogey disappeared. Some days you need scopes.

73, Bob - N2IPY

From owner-qrp-l@netcom.com Wed Dec 14 23:52:34 1994
Date: Wed, 14 Dec 1994 13:21:20 -0500 (EST)
From: prvalko <prvalko@vela.acs.oakland.edu>
Subject: Re: operating in EU
Message-Id: <Pine.3.89.9412141305.A29026-01000000@saturn.acs.oakland.edu>

On Tue, 13 Dec 1994, Hank Kohl wrote:

```
>  
>      Hank      K8DD      G0/K8DD      DL/K8DD  
> /*    email    af514@detroit.freenet.org  
> /*    call     k8dd      mi qrp vice pres
```

Cool... let's all welcome Hank to the newsgroup! As you can see, Hank's the vice president of Mi-QRP. He can start promoting that club as well as I was.

73 =paul= wb8zjl mi-qrp #899

From owner-qrp-l@netcom.com Wed Dec 14 20:08:57 1994
Message-Id: <logullo.1137824748A@apple.com>

Date: Wed, 14 Dec 94 14:31:48 CST
From: "Jeff Logullo" <logullo@apple.com>
Subject: origin of "de"

I've wondered about the origin of "es" myself, particularly since "de" as a substitution for "from" is easy. "De" means "from" in Spanish!

From owner-qrp-1@netcom.com Wed Dec 14 21:08:56 1994
Message-Id: <v0151010bab151b9d041c@[149.82.22.63]>
Date: Wed, 14 Dec 1994 14:06:52 -0800
From: xenolith@halcyon.com (Kevin Purcell)
Subject: Re: Price of HW-7?

>Don't blame Heath for the problem--no one knew the answer
>in those days; the W7EL article in the Aug 1980 issue of QST brought
>the answer--use of a double balanced mixer.

This is not true!

Wes Hayward, W7ZOI, published a DC receiver design using a diode ring double balanced mixer in QST in 1965(? mid to late-sixties at least). Did not QQ recently reprint this paper with permission from QST?

Heath could have used this design but the ubiquitous design of the day (like the '602 based DC rxes of today) were based around a single ended 40673.

In fact the W7ZOI design would not have been any more expensive than the HW-7 but would have outperformed it.

It's strange to think where we might be if the HW-7 used that design.

Kevin Purcell work: kevinpu@atm.com home: xenolith@halcyon.com N7WIM
Seattle dBug Mac Developers SIG organizer G8UDP

From owner-qrp-1@netcom.com Wed Dec 14 21:54:35 1994
From: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org (Mike Czuhajewski)
Subject: Re: Price of HW-7?
Date: Wed, 14 Dec 94 17:52:48 EST5EDT
Message-Id: <1994Dec14.175248.7119@wb3ffv.ampr.org>

Quite true, the Hayward article predated the HW-7 design. (I was the one who wrote to QST and got permission to reprint it in the QRP Q and typed it up and sent it in.) Let's say that the "proper" and "best" way was presented early on, was not used by the majority of people for some reason, causing a lot of receivers to be blamed unfairly for poor performance, and that the cure was rediscovered and popularized by

W7EL. (And to anyone out there suffering with an unmodified HW-7 receiver, there IS help!) 73 and Queue Our Pea DE WA8MCQ

--

Mike Czuhajewski, user of the UniBoard System @ wb3ffv.ampr.org
E-Mail: Mike.Czuhajewski@hambbs.wb3ffv.ampr.org
The WB3FFV Amateur Radio BBS - Located in Baltimore, Maryland USA
Supporting the Amateur Radio Hobby, and TCP/IP InterNetworking

From owner-qrp-1@netcom.com Wed Dec 14 23:37:03 1994
Date: Wed, 14 Dec 1994 22:19:44 -0500 (EST)
From: James Lyons <jlyons@CAM.ORG>
Subject: Re: Price of HW-7?
Message-Id: <Pine.SOL.3.91.941214221604.5175A-100000@ocean>

>
> Wes Hayward, W7ZOI, published a DC receiver design using a diode ring
> double balanced mixer in QST in 1965(? mid to late-sixties at least). Did
> not QQ recently reprint this paper with permission from QST?

>
I built that Rx and used it with the Ten-Tec TX1 and it must have been
1969-1971 I think. It was in a November or December issue.

I don't have it but would really like to get a hold of the article as I
still have the remains of the Rx and would like to restore it.

If anyone can give me the issue, or better still, a photocopy I'd be very
grateful ... all expenses refunded.

Jim Lyons, VE2KN

From owner-qrp-1@netcom.com Wed Dec 14 03:29:07 1994
Message-Id: <199412140558.VAA25366@scruz.net>
Subject: Re: Re QRP ARCI homebrew rules
Date: Tue, 13 Dec 94 21:55:06 PST
From: "Stan Goldstein, N6ULU" <stan@cruzio.com>

Mike Czuhajewski writes:

>
> As I recall, isn't the homebrew bonus something like 2000 and 3000
> points each for homebrew TX and RX, or 5000 if homebrew XCVR?
> Considering that you can work the same multipliers over on each and
> every band and rack up some incredibly large scores, multiplied by the
> power multipliers of 7 and 10, depending on power level, isn't a mere
> 5000 points maximum a bit....I hesitate to use the word
> "ludicrous"....let's just say that doesn't seem to be much of a true

> incentive to run a homebrew rig in the contest. As I recall, the
> multiplier for HB used to be significantly larger; maybe it's time for
> a bit of heresy: perhaps, in these days of kits with excellent
> instructions which disqualify them, perhaps we should do away with the
> homebrew bonus completely? Considering the power multipliers of 7 and
> 10, as well as being able to count multipliers on each band, the
> homebrew "bonus" is somewhat of a joke, anyhow. 73 and Queue Our Pea
> DE WA8MCQ
> --

IF one of the main goals is to get increased homebrew participation
the homebrew bonus should be increased to give an incentive that means
something.

--

72.5 (almost a full qrp convert)
Stan Goldstein , N6ULU

From owner-qrp-l@netcom.com Wed Dec 14 11:33:58 1994
Date: Wed, 14 Dec 1994 09:18:27 -0330 (NST)
From: Robert Gobrick <bgobrick@random.ucs.mun.ca>
Subject: Re: Re QRP ARCI homebrew rules
Message-Id: <Pine.3.87.9412140927.F22732-0100000@random.ucs.mun.ca>

"Homebrew" Mike brings up a good point and maybe our new contest program
chairman at QRCI Cam Hartford N6GA can take this issue up. I just spoke
to Cam a while back and he said that after a year of hard work he is just
about caught up with publishing all the ARCI results from the past few
years and everything is in the database. Thanks Cam and the results show
- the QQ now is back to a good contest section. Anyway, now that Cam is
cruising and Chuck is ably assisting Cam with contest postings maybe it's
a good time to "re-evaluate" the mid 90's (1995 that is) rules. Things
are only going to get worse for us homebrewers - with aging eyes and
shaky soldering iron burnt fingers us oldtimers (speaking for myself of
course) are going to have a tough time when the SURFACE MOUNTED component
kits come (just check out the 80 meter sm design in the ARCI QQ a few
months ago).

So maybe it's time to cut bait (as we use to say here up in Newfoundland
when cod fishing was "in") and re-evaluate the rules. Either give a
zillion bonus points for a "true" homebrew rcvr/xcvr or just include kits
(no matter what level) as no bonus points. OR maybe we just keep a
couple of small contests just for "kits" with a zillion bonus points.

Before we start a wide bandwidth "talk session" on this over the QRP-L
(we went through this about six months ago) maybe I'll spring this letter
on Cam first and and if he is agreeable - we can send him PRIVATE EMAIL
on our thoughts and let him get a flavor for the mood of the QRP-L gang.

Thanks Mike (WA8MCQ - got it wrong last time) for the inspirational thought.

72 Bob VO1DRB/WA6ERB

From owner-qrp-1@netcom.com Wed Dec 14 08:02:19 1994
Message-Id: <199412140905.BAA22828@mail3.netcom.com>
From: Charlos Potma <Charlos.Potma@rivm.nl>
Subject: Some test results of OHR WM-1
Date: Wed, 14 Dec 94 9:54:30 GMT

hello all,
last week a friend brought my Oak Hills Research (OHR) WM-1 to his office
and tested some aspects of the wattmeter with the following setup:

HP8640B signal-generator connected to Kalmos/B 40dB amplifier connected to
R&S PTU low-pass filter connected to TRANSMITTER input of the WM-1.
LOAD output of WM-1 was connected to R&S RBU 40dB attenuator
connected to HP436A power-meter.

[NOTE: this WM-1 is the 'old' model. I understand the WM-1 OHR offers
now has been modified somewhat to extend the frequency range.
(btw does someone know what these modifications are ?)]

First, linearity of the 100mW range was tested with a 10Mhz signal:

Input-power (WM-1)	measured-power
(mW)	(mW)
100.9	100
70	66.2
50	45.6
30	27.3
20	19.5
10	11.0
5	5.0

and that result is I think very good, max. error within 10 %.

Then he tested the frequency-response curve of the WM-1 using the
100 mW range. At various frequencies, the input-power for a full-scale
deflection in the 100mW range was measured:
I will not give the whole list of measurement results here, but
we could conclude that in the 100mW range the indication at 1 Mhz was abt.
10 % high and at 30 Mhz it was abt. 10 % low. Again I think this is excellent.
(indication was abt. 30 % low at 50 Mhz)

Lastly he measured the frequency-response curve in the 1 W and 10 W range.

Here the errors were much larger: in the 1 W range indication at 1 Mhz was 1 % low and at 30 Mhz 25 % low, in the 10 W range these figures were 15 % and 27 % respectively. I think these errors could be improved upon by re-aligning these ranges so that the errors are abt. +/- 15 %.

All in all, I am very satisfied with these results and I think OHR can be proud of this instrument.

I was also very pleased to receive the Sierra kit yesterday !.

73, Charlos Potma, PA3CKR,
charlos@rivm.nl

From owner-qrp-1@netcom.com Thu Dec 15 01:22:36 1994
Date: Wed, 14 Dec 94 16:52:01 MST
Message-Id: <9412142352.AA18374@rgfn.epcc.Edu>
From: ab253@rgfn.epcc.Edu (Andrew Hair)
Subject: Thanks for the Help!

To all:

I want to thank those folks who responded to my request for information concerning a roll of Belden coax I received. I intend to use a short section of it for my portable back-pack antenna. There's better coax on the market, but it is light and reasonable for the job. I only need about 20 feet of the stuff so the loss isn't that bad.

I like to climb to the top of the ridge lines and peaks overlooking El Paso and operate my MFJ 9020. There are no trees or easily accessible structures to tie a dipole to so I have to tote my own "tree" to the top. I have a base and guyed pole made of 1" PVC that does the trick. I usually set the antenna (inverted vee up 10 ft.) up along the cliff edge. In all, this puts me above any object in nearly a 100 mile radius. At any rate, that's why the interest in the Belden coax. Thanks again for the helpful replies and I must admit, you all have got me wondering if I can hear the fox--I'll give it a try.

73's

Andrew Hair - AB5WB
ab253@rgfn.epcc.edu

--

From owner-qrp-l@netcom.com Wed Dec 14 12:50:41 1994
Date: Wed, 14 Dec 1994 06:44:20 -0600 (CST)
From: Theodore Drake <tdrake@metronet.com>
Subject: Re: The 40-40
Message-Id: <Pine.HPP.3.90.941214064352.10496C-100000@fohnix.metronet.com>

Hi Adam, I'll let others comment on the 40-40 as mine won't be built until the xmas holidays.

qrp cw is a lot of fun and amazingly effective. At the low point in the solar cycle I still managed to work 30 countries in the recent cq dx contest using a ta.33 jr at 33'. A 60' longwire regularly works about anything I can hear in the USA. WAS was achieved at 950milliwatts a long time ago [under one year using the longwire] and dxcc total sits at 175 and is limited much more by constraints in operating time than the qrp level. skeds with friends while traveling are made on a regular basis. Crank the output down under 5W and join us!

73 'Doc' W5TB

On Tue, 13 Dec 1994, Adam O'Donnell wrote:

> I got to ask: What do you think of it? What was the building level difficulty?
> And finally, How difficult is qrp cw. I have had one QSO and that was at
> 50 watts....
> Adam O'Donnell
> adam@libertynet.org
> N3RCS@KE3CZ.#EPA.PA.USA.NA
>
> -- Math and alcohol don't mix. Please don't drink and derive.
> -- Mathematicians Against Drunk Deriving (M.A.D.D.)
>

From owner-qrp-l@netcom.com Wed Dec 14 14:15:52 1994
Date: Wed, 14 Dec 94 08:35:10 CST
From: msdoooley@collie.aud.alcatel.com (Michael S. Dooley)
Message-Id: <9412141435.AA25773@collie.aud.alcatel.com>
Subject: Re: The 40-40

> I got to ask: What do you think of it? What was the building level difficulty?
> And finally, How difficult is qrp cw. I have had one QSO and that was at
> 50 watts....
> Adam O'Donnell

Adam,

It's a great little radio. Fairly easy for the experienced homebrew/kit

builder to construct. QSOs are a little more difficult, but it's still pretty much 'If you can hear them, you can work them'... Sometimes a station won't come back to you if you're signal level is too low to them (read 'not armchair copy') but it's still not too difficult to make contacts. You have to remember that some people respond to a 'kilowatt' just so they'll stop shouting at them P-)...

Mike KE4PC

From owner-qrp-l@netcom.com Wed Dec 14 13:05:20 1994
Date: Wed, 14 Dec 94 08:03:08 -0600
From: adams@chuck.dallas.sgi.com (chuck adams)
Message-Id: <9412141403.AA11078@chuck.dallas.sgi.com>
Subject: Typo

Mishawaka is in IN. I got it logged right, put into the great circle bearing program right, but blew it when I posted. Sorry. :-)

Thanks to Steve Hideg for pointing this out to me. You Geographical buffs..... :-)

Chuck Adams K5FO CP-60 adams@sgi.com

From owner-qrp-l@netcom.com Wed Dec 14 18:58:09 1994
From: qrmodena@csemail
Message-Id: <9412141912.AA127245@csemail.cropsci.ncsu.edu>
Subject: Re: Typo...geographical hams
Date: Wed, 14 Dec 94 14:12:47 EST

Adams sez:

>
> Thanks to Steve Hideg for pointing this out to me. You Geographical
> buffs..... :-)
>

One of the nice things about HF-type hams is that they are likely to have above-average geographic knowledge...thinking of the oft repeated criticisms of Americans that we can not point to Canada or Mexico on an unlabeled World Map. :^)

--de Steve AB4EL ab4el@Cybernetics.NET in Raleigh, NC

From owner-qrp-l@netcom.com Thu Dec 15 02:28:42 1994
From: Misel Jevtic <mjevtic@socs.uts.EDU.AU>

Message-Id: <199412150106.AA23491@lucy.socs.uts.EDU.AU>
Subject: unsubscribe
Date: Thu, 15 Dec 1994 12:02:23 +1100 (EST)

unsubscribe

From owner-qrp-1@netcom.com Wed Dec 14 11:02:35 1994
Date: Wed, 14 Dec 1994 08:30:15 -0500 (EST)
From: David Moody <MOODY@Admin.Rose-Hulman.Edu>
Subject: Re: What does ES mean in CW?
Message-Id: <01HKMLBTI1YQHTRWZG@ADMIN.Rose-Hulman.EDU>

IN%"weinfurtner@ouvaxa.cats.ohiou.edu" writes:
>"But what I'm really writing about is this: What do you, as someone who
>knows a
>thing or two about language, think that "es," as used on cw, is based on?"

>PS:Now where did the "de" come from...?

The "es" comes from the old american morse, dit dididit, where the space between the first and second dits was just a short time, not as long as a full letter space. This was sent for the & character. There are other letters in the old American morse that are also formed with short spaces in the middle of them, the letter C didit dit, coming to mind.

"de" comes from the French for "from."

Others, are the prosign SK (VA for you maritime people), which also came from the old American morse for the press symbol 30, meaning end of message. The characters were didididahdit daaaaah. I would still like to know where the 30 came from.

There you go...
David Moody, KD8NY/AE

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Rose-Hulman Inst. of Tech.	Amateur Call: KD8NY (CW QRP) ex-WB9MMD
Terre Haute, IN USA 47803	(VMS Rules!!! (but RSTS was fun.))
	Finger: mgrdam@crux.Rose-Hulman.edu

Any facts expressed within belong to everybody.
Any opinions expressed within are my own and are not
necessarily the same as my employer, family, friends, etc.

It is up to you to know the difference.

From owner-qrp-1@netcom.com Wed Dec 14 13:13:29 1994
Date: Wed, 14 Dec 1994 09:48:17 -0500 (EST)
From: Jim Cummings <jcumming@clark.dgim.doc.ca>
Subject: Re: What does ES mean in CW?
Message-Id: <Pine.SUN.3.90.941214094641.13251C-1000000@clark.dgim.doc.ca>

On Tue, 13 Dec 1994 weinfurtner@ouvaxa.cats.ohiou.edu wrote:

>
> PS:Now where did the "de" come from...?
>
>

Comes from French meaning "from"

73 and live better digitally
Jim, VE3XJ

From owner-qrp-1@netcom.com Wed Dec 14 23:49:22 1994
Date: Wed, 14 Dec 1994 10:01:08 +0800
From: Raymond.Anderson@Eng.Sun.COM (Ray Anderson)
Message-Id: <9412141801.AA01998@radium.Eng.Sun.COM>
Subject: Re: What does ES mean in CW?

> From owner-qrp-1@netcom.com Wed Dec 14 09:28:17 1994
> Date: Wed, 14 Dec 1994 09:48:17 -0500 (EST)
> From: Jim Cummings <jcumming@clark.dgim.doc.ca>
> To: weinfurtner@ouvaxa.cats.ohiou.edu
>
> On Tue, 13 Dec 1994 weinfurtner@ouvaxa.cats.ohiou.edu wrote:
>
> >
> > PS:Now where did the "de" come from...?
> >
> >
>
> Comes from French meaning "from"
>
> 73 and live better digitally
> Jim, VE3XJ
>

But in W6 land it comes from Spanish meaning "from" :)

73 de WB6TPU, Ray

From owner-qrp-1@netcom.com Wed Dec 14 21:10:29 1994
Message-Id: <199412150025.TAA22930@nile.intac.com>
Date: Wed, 14 Dec 1994 19:24:42 -0500
From: forbes@intac.com (Thom Forbes)
Subject: Will the FOX be below 7100Khz tonight ???

I know N2IPY will be between 7110 - 7115Khz tonight, but will there be anyone below the Megawatt BC stations???

Sorry if this is a stupid question, I'm new to the hunt...

73 and GL
Thom - N2CBV